

Project Name: Manual Testing for firstCry.com

Tester: Abhishek Gupta

Objective: To ensure the quality, functionality, compatibility, performance, and security of firstCry.com through comprehensive manual testing.

## Scope of Testing

1. Functional Testing
  - User Registration and Login
  - Product Search and Navigation
  - Shopping Cart Management
  - Checkout Process
  - Order Management
  - Account Management
  - Product Reviews and Ratings
2. Usability Testing
  - User Interface (UI) consistency
  - User Experience (UX) evaluation
3. Compatibility Testing
  - Cross-browser testing (Chrome, Firefox, Safari, Edge)
  - Cross-device testing (desktop, mobile, tablet)
4. Performance Testing
  - Response time under various load conditions
5. Security Testing
  - Data security and vulnerability testing
6. Regression Testing
  - Ensuring new changes do not affect existing functionalities

## Testing Strategy

1. Requirement Analysis
  - Review functional and non-functional requirements.
  - Identify and prioritize test scenarios.
2. Test Planning
  - Define the testing scope, objectives, resources, schedule, and deliverables.
  - Prepare the test plan document.
3. Test Case Design
  - Develop detailed test cases for each identified scenario.
  - Include positive and negative test cases.

4. Test Environment Setup
  - Set up testing environments.
  - Ensure availability of required test data.
5. Test Execution
  - Execute test cases according to the test plan.
  - Log any defects found during testing.
  - Retest defects after fixes are implemented.
6. Defect Management
  - Use a defect tracking tool (e.g., JIRA) to log and manage defects.
  - Assign, prioritize, and track the resolution of defects.
7. Reporting
  - Generate test execution reports.
  - Summarize defects and their statuses.
  - Provide insights and recommendations based on test results.

## **Test Deliverables**

1. Test Plan Document
  - Outlines the strategy and approach for testing.
2. Test Cases
  - Detailed test cases covering all functionalities.
3. Defect Reports
  - Documented defects with reproduction steps and severity.
4. Test Execution Report
  - Summary of testing activities and outcomes.
5. Final Test Summary Report
  - Comprehensive report including test coverage, defect metrics, and overall assessment.

**Tools and Resources**

- 1. Test Management Tools
  - JIRA, TestRail (or equivalent) for managing test cases and defects.
- 2. Browsers and Devices
  - Various browsers and physical/virtual devices for compatibility testing.
- 3. Performance Testing Tools
  - JMeter, LoadRunner (or equivalent) for performance testing.
- 4. Security Testing Tools
  - OWASP ZAP, Burp Suite (or equivalent) for security testing.

**Schedule**

Activity	Start Date	End Date
Requirement Analysis	[Start Date]	[End Date]
Test Planning	[Start Date]	[End Date]
Test Case Design	[Start Date]	[End Date]
Test Environment Setup	[Start Date]	[End Date]
Test Execution	[Start Date]	[End Date]
Defect Management	[Start Date]	[End Date]
Reporting	[Start Date]	[End Date]

*Note: Specific dates to be determined based on project timelines.*

## **Risk Management**

1. Identified Risks
  - Delays in receiving test environments or test data.
  - High number of defects found, leading to extended retesting.
2. Mitigation Strategies
  - Regular communication with the development team for timely setup.
  - Prioritize testing activities and focus on critical functionalities.

## **Approvals**

- Prepared by: Abhishek Gupta
- Reviewed by: [Reviewer's Name]
- Approved by: [Approver's Name]

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This test plan provides a structured approach for manual testing of FirstCry.com, ensuring comprehensive coverage and quality assurance.